

FORM PTO-1449

U.S. Dept. of Commerce
Patent and Trademark OfficeAtty Docket No.
398P1D1Serial No.
07/969,863

LIST OF DISCLOSURES CITED BY APPLICANT

(Use several sheets if necessary)

Applicant

Richard M. Lawn et al.

Filing Date

30 October 1992

Group

*Examiner Initials	OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Etc.)
2/2	AA Morrissey & Edgington, "Molecular Cloning of the cDNA for Human Tissue Factor", <u>Cell</u> , 52: 639-640 (1988)
	AB Stryer, <u>Biochemistry</u> , 2d ed., pp. 32-36 (1981)
	AC Knuth et al., "Purification of Proteins in the Denatured State", <u>Protein Purification: Micro to Macro</u> : Alan R. Liss, Inc., pp. 279-305 (1987)
	AD Light, H., "Protein Solubility, Protein Modifications and Protein Folding", <u>Biotechniques</u> , 3(4):298-306 (1985)
	AE Bowie et al., "Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions", <u>Science</u> , 247: 1306-1310 (1990)
	AF DIALOG file 155 Abstract, Accession No. 85120937, Stiles, G., "Deglycosylated mammalian beta 2-adrenergic receptors: effect on radioligand binding and peptide mapping", <u>Arch. Biochem. Biophys.</u> , 237(1):65-71(abs. only)(1985)
	AG DIALOG file 155 Abstract, Accession No. 85280464, Jurss et al., "Proteolysis-associated deglycosylation of beta 1-adrenergic receptor in turkey erythrocytes and membranes", <u>Biochemistry</u> , 24(13): 3349-3354 (1985)
	AH Delente, J.S., "Glycosylation revisited", <u>Trends in Biotechnology</u> , 3(9): 218 (1985)
	AI Jaenicke, R. & Rudolph, R., "Folding Protein", <u>Protein Structure: A Practical Approach</u> , Creighton, T.E., ed., IRL Press Oxford, England, ch. 9, pp.191-223 (1989)
	AJ Morrissey et al., "Properties of Tissue Factor Purified from Human Brain and Placenta", Abs 1632, <u>Annual Convention of the Amer. Heart Assn.</u> , abstracts of the 59th Scientific Sessions (1986)
	AK Mierendorf et al., "Gene Isolation by Screening λ gt11 Libraries with Antibodies", <u>Methods in Enzymol.</u> , 152: 458-469 (1987)
	AL Kittler, J.M. et al., "Identification of a cDNA Clone for Bovine Tissue Factor", <u>Federation Proceedings</u> , 45(6): p. 1639, Ab 927 (1986)
	AM Edgington et al., "Molecular Cloning of Human Tissue Factor cDNA", <u>Thrombosis and Haemostasis</u> , 58 (1): 258 (1987)
	AN E. M. Scarpato et al., "Human Tissue Factor: cDNA Cloning, Primary Structure, and Chromosome Localization", <u>Fed. of Amer. Society for Exp. Biol.</u> , (78th Annual Mtg), 46 (6) pg.2242, 1 May 1987, 6/7/87-6/11/87, Paper #1846 (ABS)
	AO J. H. Morrissey et al., "Molecular Cloning of the cDNA for Human Tissue Factor", <u>Fed. of Amer. Society for Exp. Biol.</u> , (71st Annual Mtg), 46(3):pg. 716, 1 March 1987, 29 March-2 April 1987, Paper 2338(ABS)
	AP E. K. Spicer et al., "Isolation of cDNA clones coding for human tissue factor: Primary structure of the protein and cDNA", <u>Proc. Natl. Acad. Sci. USA</u> , 84(15): 5148-5152 (1987)
	AQ E. M. Scarpato et al., "Human Tissue Factor: cDNA Sequence and Chromosome Localization of the Gene", <u>Biochemistry</u> , 26(17): 5234-5238 (1987)
	AR J. H. Morrissey et al., "Molecular Cloning of the cDNA for Tissue Factor, the Cellular Receptor for the Initiation of the Coagulation Protease Cascade", <u>Cell</u> , 50(1): 129-135 (1987)
	AS K.L. Fisher et al., "Cloning and Expression of Human Tissue Factor cDNA", <u>Thrombosis Research</u> , 48(1): 89-99 (1987)
	AT A. Guha et al., "Affinity purification of human tissue factor: Interaction of factor VII and tissue factor in detergent micelles", <u>Proc. Natl. Acad. Sci. USA</u> , 83: 299-302 (1986)

Examiner

Neel J. Verma

Date Considered

6-13-94

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1812

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BA	Livneh, E. <u>et al.</u> , "Large deletions in the cytoplasmic kinase domain of the epidermal growth factor receptor do not affect its lateral mobility", <u>Biolog. Abstr.</u> , 82(1) : AB 423 #92239 (1986)
BB	Zuniga, M. C. <u>et al.</u> , "Expression and Function of Transplantation Antigens with Altered or Deleted Cytoplasmic Domains", <u>Cell</u> , 34 : 535-544 (1983)
BC	Bom <u>et al.</u> , "Application of Factor VII-Sepharose Affinity Chromatography in the Purification of Human Tissue Factor Apoprotein", <u>Thrombosis Research</u> , 42 : 635-643 (1986)
BD	Kurosawa <u>et al.</u> , "Urinary Procoagulant Behaves as Tissue Factor by Promoting Factor VIIa-Catalyzed Activation of Factor X", <u>Thrombosis Research</u> , 33 : 595-606 (1984)
BE	Tanaka <u>et al.</u> , "Purification of Glycosylated Apoprotein of Tissue Factor from Human Brain and Inhibition of its Procoagulant Activity by a Specific Antibody", <u>Thrombosis Research</u> , 40 : 745-756 (1985)
BF	Broze <u>et al.</u> , "Purification of Human Brain Tissue Factor", <u>J. Biol. Chem.</u> , 260(20) : 10917-10920 (1985)
BG	Bjorklid <u>et al.</u> , "Purification and Some Properties of the Protein Component of Tissue Thromboplastin from Human Brain", <u>Biochem. J.</u> , 165 : 89-96 (1977)
BH	Bach <u>et al.</u> , "Purification and Characterization of Bovine Tissue Factor", <u>J. Biol. Chem.</u> , 256(18) : 8324-8331 (1981)
BI	Carson <u>et al.</u> , "Tissue Factor Gene Localized to Human Chromosome 1 (1pter→1p21)", <u>Science</u> , 229 : 991-993 (1985)
BJ	Carson <u>et al.</u> , "Plasma High Density Lipoproteins Inhibit the Activation of Coagulation Factor X by Factor VIIa and Tissue Factor", <u>FEBS Letters</u> , 132(1) : 37-40 (1981)
BK	Osterud, "Activation pathways of the coagulation system in normal haemostasis", <u>Scand. J. Haematol.</u> , 32 : 337-345 (1984)
BL	Giercksky <u>et al.</u> , "The Effect of Intravenous Injection of Purified Human Tissue Thromboplastin in Rats", <u>Scand. J. Haematol.</u> , 18 : 300-310 (1976)
BM	Nemerson, "Characteristics and Lipid Requirements of Coagulant Proteins Extracted from Lung and Brain: the Specificity of the Protein Component of Tissue Factor", <u>J. Clin. Invest.</u> , 48 : 322-330 (1969)
BN	Nemerson, "The Phospholipid Requirement of Tissue Factor in Blood Coagulation", <u>J. Clin. Invest.</u> , 47 : 72-80 (1968)
BO	Carlsen <u>et al.</u> , "Intravenous Injections of Tissue Thromboplastin and Phospholipase C in Sheep", <u>Thromb. Haemostasis</u> , 48(3) : 315-319 (1982)
BP	Pitlick <u>et al.</u> , "Binding of the Protein Component of Tissue Factor to Phospholipids", <u>Biochemistry</u> , 9(26) : 5105-5113 (1970)
BQ	Lewis <u>et al.</u> , "Effects of intravenous tissue thromboplastin in dogs: Development of an anticoagulant", <u>J. Lab. Clin. Med.</u> , 60(2) : 261-273 (1962)
BR	Gollub <u>et al.</u> , "Thromboplastinase-an Experimental Anti-thrombotic", <u>Thromb. Diath. Haemorrh.</u> , 7 : 470-479 (1962)
BS	Nemerson, "The role of lipids in the tissue factor pathway of blood coagulation", <u>Chem Abs.</u> , 84 : 314 Ab. No. 84.133467p (1976)

Examiner

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U.S. PATENT DOCUMENTS

*Examiner Initials	Document Number	Date	Name	Class	Subclass	Filing Date
NAJ	CA 5,110,730	5/5/92	Edgington et al.	439	695	1992

FOREIGN PATENT DOCUMENTS

*Examiner Initials	Document Number	Date	Country	Class	Subclass	Translation Yes	No
NAJ	CB WO 88/07543	10/6/88	PCT	C07M	21/04		
	CC WO 84/01786	10/5/84	PCT				
	CD EP 278,776	8/17/88	EPO				
	CE WO 88/09817	12/15/88	PCT				
	CF EP 244,221	11/4/87	EPO				
	CG EP 139,416	05/02/85	EPO				

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Etc.)

NAJ	CH	Carson et al., "Lipid activation of coagulation factor III apoprotein (tissue factor) - reconstitution of the protein-membrane complex", <u>Chem Abs.</u> , 94:244 Ab. No. 94:13337f (1981)
	CI	Pitlick, "Concanavalin A Inhibits Tissue Factor Coagulant Activity", <u>J. Clin. Invest.</u> , 55: 175-179 (1975)
	CJ	Vehar, "Recombinant DNA Technology and Its Impact on Our Understanding of Factor VIII", <u>Factor VIII/von Willebrand Factor: Biological and Clinical Advances</u> , Proc. Bari Int. Conf. (S Wichpig, ed), Milan, Italy pgs 267-274 (1986)
	CK	Freyssinet et al., "Coextraction of Thrombomodulin and Tissue Factor from Human Placenta: Effects of Concanavalin A and Phospholipid Environment on Activity", <u>Thrombosis and Haemostasis</u> , 55(1): 112-118 (1986)
	CL	Osterud, B., "The Interaction of Human Blood Coagulation Factor VII and Tissue Factor: The Effect of Anti Factor VII, Anti Tissue Factor and Diisopropylfluorophosphate", <u>Biochem. Biophys. Res. Comm.</u> 88(1):59-67 (1979)
	CM	Carson et al., "Monoclonal Antibodies Against Bovine Tissue Factor, Which Block Interaction with Factor VII.", <u>Blood</u> , 66(1): 152-156 (1985)
	CN	Gonmori et al., "The Role of Tissue Thromboplastin in the Development of DIC Accompanying Neoplastic Diseases", <u>Biblio. Haematol.</u> , 49:23-39 (1983)
	CO	Ewan et al., "Production and characterization of a monoclonal antibody (A1-3) binds selectively to activated monocytes and inhibits monocyte procoagulant activity", <u>J. Immunol.</u> , 136(7): 2408-2415 (1986)
	CP	Bach et al., "Human Tissue Factor Contains Thioester-Linked Palmitate and Stearate on the Cytoplasmic Half-Cystine", <u>Biochemistry</u> , 27: 4227-4231 (1988)
	CQ	Sambrook et al., "Using Antibodies in Immunological Screening", <u>Molecular Cloning: A Laboratory Manual</u> , 2nd Ed., Cold Spring Harbor Lab Press (pp. 12.11-12.12)
	CR	Itakura et al., "Expression in <u>Escherichia coli</u> of a Chemically Synthesized Gene for the Hormone Somatostatin", <u>Science</u> , 198: 1056-1063 (1977)
	CS	Roberts, T.M., "A <u>lac</u> Promoter System for the Overexpression of Prokaryotic and Eukaryotic Genes in <u>E. coli</u> ," <u>Promoters: Structure and Function</u> , Rodriguez & Chamberlin, eds., Praeger Scientific, pubs., pp. 458-461(1982)

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DA	Carson et al., "An inhibitory monoclonal antibody against human tissue factor", <u>Blood</u> , 70(2): 490-493 (1987)
DB	Blakeslee et al., "Scientists Find Long-Sought Key to How Blood Clots", <u>NY Times</u> , July 1, 1987
DC	Edge et al., "Deglycosylation of Glycoproteins by Trifluoromethanesulfonic Acid", <u>Analytical Biochem.</u> , 118: 131-137 (1981)
DD	Sojar et al., "A Chemical Method for the Deglycosylation of Proteins", <u>Archives of Biochem. & Biophys.</u> , 259(1): 52-57 (1987)
DE	W.S. Beck, ed., <u>Hematology</u> , MIT Press, pp. 381-382 & 436-437 (1981)
DF	Kemp & Cowman, "Direct immunoassay for detecting <u>Escherichia coli</u> colonies that contain polypeptides encoded by cloned DNA segments", <u>Proc. Natl. Acad. Sci.</u> , 78(7): 4520-4524 (1981)
DG	Skalka & Shapiro, "In situ immunoassays for gene translation products in phage plaques and bacterial colonies", <u>Gene</u> , 65-79 (1976)
DH	Svensson & Akusjorvi, "Adenovirus 2 early region 1A stimulates expression of both viral and cellular genes", <u>EMBO J.</u> , 3(4): 789-794 (1984)
DI	Berman et al., "Engineering glycoproteins for use as pharmaceuticals", <u>Trends in Biotechnology</u> , 3(2): 51-53 (1985)
DJ	Little, S. et al., "Functional Properties of Carbohydrate-Depleted Tissue Plasminogen Activator", <u>Biochemistry</u> , 23: 6191 (1984)
DK	Maniatis et al., <u>Mol. Cloning: A Laboratory Manual</u> , Cold Spring Harbor Lab. (Preface and Summary) p. 433 (1982)
DL	Suggs et al., "Use of synthetic oligonucleotides as hybridization probes: Isolation of cloned cDNA sequences for human β_2 -microglobulin", <u>Proc. Natl. Acad. Sci.</u> , 78(11):6613-6617 (1987)
DM	Kongisberg et al., "Molecular Cloning of the cDNA for Human Tissue Factor", <u>Cell</u> , 52: 639-640 (1988)
DO	Morrissey et al., "Resolution of Monomeric and Heterodimeric Forms of Tissue Factor, the High Affinity Cellular Receptor for Factor VII", <u>Thrombosis Res.</u> , 50: 481-493 (1988)
DP	Morrissey et al., 59th Sci. Sessions (Nov. 19, 1986), <u>Amer. Heart Assoc.</u> , Oral Presentation (Notes)
DQ	Bach et al., 59th Sci. Sessions (Nov. 19, 1986), <u>Amer. Heart Assoc.</u> , Oral Presentation (Notes)
DR	Rao et al., "Affinity Purification of Human Brain Tissue Factor Utilizing Factor VII Bound to Immobilized Anti-factor VII ^{1,2} ", <u>Anal. Biochem.</u> , 165: 365-370 (1987)
DS	Pepe et al., "Functional Sites on Human Tissue Factor", <u>FASEB J.</u> , 2(4): AB#552 (May 1-5 1988)
DT	Kikutani, M. et al., "Molecular Structure of Human Lymphocyte Receptor for Immunoglobulin E", <u>Cell</u> , 47: 657-665 (1986)
DU	Watson, J.D. et al., <u>Recombinant DNA</u> , W.H. Freeman & Co. New York, pgs. 192-193 (1983)

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